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U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY,

A. D. MELVIN, CHIEF OF BUREAU.

UNIVERSITY OF FLORIDA LIBRARIES 29

SERVICE AND REGULATORY ANNOUNCEMENTS.

JUNE, 1914.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

936. Ashland Provision Co., 301 West Front Street., Ashland, Ky.
*798. Mississippi Packing Co., Natchez, Miss.
2–Y. Armour & Co., East Liverpool, Ohio.
935. Sterling Packing Co., 2706 Poplar Avenue, Chicago, Ill.
937. The E. B. E. Mfg. Co., 176 Franklin Street; mail 93 Hudson Street Station 14, New York N. Y.
938. Henry Kast, 277 Greenwich Street, New York, N. Y.
939. Miller Packing Co., Adams Street and Osage Avenue, Kansas City, Kans.
940. The Nauss Brothers Co., 2289–2291 Third Avenue, New York, N. Y.
942. Lorch Btos., 122–124 North Delaware Avenue, Philadelphia, Pa.
941. H. D. Reese, 1203 Filbert Street, Philadelphia, Pa.
944. George L. Wells, (Inc.), 402–404 North Second Street, Philadelphia, Pa.
943. Reading & Dickison, 225 Race Street, Philadelphia, Pa.
945. George Nye Co., 130–132 Lyman Street, Springfield, Mass.
2–AA. Armour & Co., 43–59 Long Wharf, Newport, R. I.
*894–A. Saegertown Sausage Co., Saegerstown, Pa.
*946. St. Joseph Live Stock Serum Co., South end hog yards, St. Joseph, Mo.; mail Live Stock Exchange Building, South St. Joseph, Mo.
3–AP. Swift & Co., 159 Ashland Street, North Adams, Mass.
948. Wilson & Rogers (Inc.), 134 North Delaware Avenue, Philadelphia, Pa.
3–RR. Swift & Co., 706–708 Lancaster Avenue, Wilmington, Del.
947. Herman Diele, 91 Jackson Street, Hoboken, N. J.
*949. Easton Abattoir, 130 Delaware Street, Easton, Pa.

Meat Inspection Discontinued.

628. W. W. Rose, 175 Pennington Avenue, Trenton, N. J.
55. E. W. Sage & Co., 118 Albany Avenue, Hartford, Conn.
256. Taylor Provision Co., Trenton, N. J.

* Conducts slaughtering.

*81. Oake Packing Co., Rockford, Ill.

*134. Des Moines Packing Co., Eighteenth and Maury Streets, Des Moines, Iowa.

652. Jersey Butterine Co., 267–269 Seventeenth Street, Jersey City, N. J.

49. William Goldstein Sausage Co., 711–713 North Seventh Street, St. Louis, Mo.

20–D. The Sulzberger & Sons Co. of America, 1559 Railroad Avenue South, Seattle, Wash.

Changes in Firm Names.

857. James T. Downey Co., 241 East Illinois Street, Chicago, Ill., instead of Carey-Vail Butterine Co.

615. W. G. Wagner & Sons (Inc.) and Wm. G. Wagner, 573 First Avenue, New York, N. Y., instead of Wm. G. Wagner & Sons (Inc.).

681. Farmers' Cooperative Packing Co. of La Crosse, 300–310 South Front Street, La Crosse, Wis., instead of Langdon-Boyd Packing Co.

*395. The A. Loewenstein's Sons Co., John and Livingston Streets, Cincinnati, Ohio, instead of A. Loewenstein's Sons.

Stations Added.

East Liverpool, Ohio (substation of Pittsburgh, Pa.).
Henderson, Ky., Hog Cholera Demonstration work, Dr. H. R. McNally.
Kankakee, Ill., Hog Cholera Demonstration work, Dr. B. J. Cady.
Marysville, Kans., Hog Cholera Demonstration work, Dr. G. N. Wickwire.
Lima, Ohio, Hog Cholera Demonstation work, Dr. L. P. Beechy.
Spencer, Iowa, Hog Cholera Demonstration work, Dr. Robert Jay.
Twin Falls, Idaho, Hog Cholera Demonstration work, Dr. W. A. Sullivan.

Stations Discontinued.

Des Moines, Iowa.
Rockford, Ill.

Changes of Officials in Charge.

Sedalia, Mo., Dr. Ralph Graham instead of Dr. B. W. Murphy.
Lewiston, Idaho, Dr. L. B. Dunlap instead of Dr. J. B. Hollenbeck.
Moscow, Idaho, Dr. E. D. Kennedy instead of Dr. L. C. Henderson.

NOTICES REGARDING MEAT INSPECTION.

RULINGS UNDER NET WEIGHT AND VOLUME REGULATIONS.

Referring to the regulations promulgated under the net weight and volume amendment (see Food Inspection Decision 154, reprinted in Service and Regulatory Announcements for May, 1914, p. 62), the following interpretations of the statement "in package form" are cited in order that the regulations may be uniformly and promptly enforced after September 3, 1914:

Single hams, single sides of bacon, shoulders, dried beef cuts, and similar cuts of meat of irregular size and weight, when wrapped or coated with paper, cloth, or gelatin, are not held to constitute food in package form. This also applies to pork loins wrapped in paper. This does not exempt shipping cases or other containers of these products not marked in conformity with the regulations.

Sausage stuffed in animal casings is not held to constitute food in package form.

Lard, compound, and other rendered fats shipped in wooden boxes are considered as being in package form.

Lithograph labels on metal containers now on hand which do not bear the net weight may be corrected by the application of approved stickers bearing the net weight, the stickers to be attached in such a manner as to adhere to the containers under all circumstances. On future supplies of lithographed containers the net weight should be likewise lithographed.

Such statements as "size $\frac{1}{4}$," "$\frac{1}{4}$ cans," etc., will not be permitted to appear on containers. The printing of the quantity of contents upon the outside of packing cases containing a number of units branded in conformity with the law and regulations is not obligatory; however, if given, such statements must be correct and in the form prescribed in the regulations.

NEW FORM FOR REPORTING IMPORTED MEATS AND PRODUCTS.

A new report, M. I. Form 109–JJ, has been prepared and a supply forwarded to those stations which report receipts of imported meats and meat food products. This form is to be used for reporting inspections and rejections of imported meats and products, and should be prepared and signed by the employee making such inspections and promptly forwarded to the inspector in charge of the local office.

SIGNATURES OF FOREIGN MEAT INSPECTORS.

To enable bureau inspectors to verify the signatures of foreign official meat inspectors authorized to certify to meat and meat food products, the following names, addresses, and facsimile signatures are given:

Country, name, and address.	Signature.
Austria.	
Johann Gretz, Tulin, Lower Austria	Johann Gretz
Theodor Hammerschmid, Vienna	Theodor Hammerschmid
Leonhard Krallert, Gross-Mugl	Leonhard Krallert
Moriz Lederer, Vienna	Lederer
Theodor Schiff, Vienna	Schiff
Franz Sterk, Vienna	Sterk

Country, name, and address.	Signature.
Austria—Continued.	
Viktor Volker, Klosterneuburg (near Vienna)	Viktor Volker
Canada.	
E. A. Bruce, Vancouver, B. C.	E. A. Bruce
M. J. Kellam, Ottawa	M. J. Kellam
H. H. Ross, Ottawa	H. H. Ross
A. C. Tanner, Ottawa	A. C. Tanner
England.	
J. Spottiswoode Cameron, 12 Market Buildings, Leeds	J. Spottiswoode Cameron
W. Allen Daley, Bootle, Lancashire	W. Allen Daley
A. D. Minor, Water Street, Manchester	A. D. Minor
A. A. Mussen, Liverpool	A. A. Mussen

Country, name, and address.	Signature.
France.	
Raoul Boyer, Marseille.....	
Joseph Burgat, Marseille.....	J. Burgat
Leon Dumestre, Marseille.....	L. Dumestre
Felix Jourdan, Grenoble	
Jules Mangenot, Marseille.....	Mangenot
Germany.	
Hermann Koopmann, Hanover..	Koopmann
Ireland.	
John Howatt, Londonderry.....	John Howatt
Russia.	
K. Kalin, Usman, Province of Tanbov.	
V. Yanushevitch, Tambov.....	
Scotland.	
Matthew Hay, Aberdeen.....	Matthew Hay
A. Maxwell Williamson, Edinburgh.....	

Country, name, and address.	Signature.
Uruguay.	
Marco Dutto, Mercedes	Marco Dutto
T. Labarde, Paysandu	Alberto Labarde
Primo Rossi, Frey Bentos	Primo Rossi
Cayetano de Sanctis, Colonia	Cayetano de Sanctis
Fernando Tedesco, Salto	Fernando Tedesco
G. Ochoa Satrustegui, Santa Rosa del Cuareim.	G. Ochoa Satrustegui

Names Removed from List.

The names of the following inspectors published in Service and Regulatory Announcements for May, 1914, page 64, have been removed from the list of foreign officials authorized to issue certificates for meat products exported to the United States:

Belgium.

Firmin Machtelinkx, 12 Boulevard Baudouin, Brussels.
André Pollet, 5 Rue de l'Autonomie, Anderlecht, Brussels.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, MAY, 1914.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.	Total.
Chicago	108,854	35,909	273,973	3,370	414,386	836,492
Kansas City	45,919	4,634	130,583	15,787	213,895	410,827
National Stock Yards	22,860	2,563	59,011	131	113,853	198,418
South Omaha	42,992	972	107,994	571	189,172	341,701
South St. Joseph	13,792	1,133	56,747	.....	126,066	197,738
All other establishments	239,389	138,841	456,269	4,176	1,511,663	2,349,328
Total, May, 1914	473,806	183,052	1,084,577	24,035	2,569,035	4,334,504
Total, May, 1913	546,781	204,723	1,127,345	8,797	3,045,926	4,933,572
Total, Jan.-May, 1914	2,508,544	716,248	5,786,818	54,212	13,640,658	22,706,480
Total, Jan.-May, 1913	2,696,695	815,931	5,212,550	21,517	14,418,399	23,065,092

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during May, 1914, together with totals for the year to date, are shown in the following tables:

Food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico	41,052	97	5,713	18,715
Canada	12,640	17,709	5	.....
Great Britain	.....	.....	.....	204
Total, May, 1914	53,692	17,806	5,718	18,919
Total, January–May, 1914	369,294	58,448	94,587	133,100

Meats and meat food products.

Country of export.	Fresh and refrigerated meats.		Canned and cured meats.	Other products.	Total.
	Beef.	Other.			
Argentina	12,305,976	483,995	363,360	149,608	13,302,939
Australia	2,138,836	534,735	735,864	66,808	3,476,243
Canada	977,216	1,023,515	585,399	31,696	2,617,826
Uruguay	4,252,156	.....	40,080	.....	4,292,236
Other countries	25,593	15,702	56,255	297,828	395,378
Total, May, 1914	19,699,777	2,057,947	1,780,958	545,940	24,084,622
Total, January–May, 1914	95,132,984	10,294,967	6,843,655	2,559,959	114,831,575

Condemnations of imported meats and products in May amounted to 57,385 pounds.

CONVICTIONS FOR VIOLATIONS OF LAWS.

MEAT-INSPECTION LAW.

In the case of the United States *v.* The Cudahy Packing Company, Jersey City, N. J., for violating the meat-inspection act in shipping uninspected meats in interstate trade, the defendant company entered a plea of non vult, and the court imposed a fine of $25.

QUARANTINE LAW.

The following results of prosecutions for violations of the live-stock quarantine law have been reported to the bureau during the month of June, 1914.

Number of cases.	Defendant.	Nature of violation.	Fine.
6	St. Louis, Iron Mountain & Southern Ry. Co.	Interstate shipment of cattle infested with Texas fever ticks.	$600 and costs.
3	St. Louis Southwestern Ry. Co.	do	$300 and costs.
1	Cincinnati, New Orleans & Texas Pacific Ry. Co.	do	$100 and costs.

TWENTY-EIGHT-HOUR LAW.

The following results of prosecutions for violations of the 28-hour law have been reported to the bureau during the month of June, 1914:

Number of cases.	Defendant.	Fine.
6	Chicago, Rock Island & Pacific Ry. Co.	$712.90
4	Mobile & Ohio R. R. Co.	460.20
1	Chesapeake & Ohio Ry. Co.	118.50
2	Chicago & Alton R. R. Co.	235.60
12	Atchison, Topeka & Santa Fe Ry. Co.	1,839.60
3	Kansas City, Mexico & Orient Ry. Co	352.50
1	Northern Pacific Ry. Co.	204.09
1	Chicago & North Western Ry. Co.	215.11
1	Cleveland, Cincinnati, Chicago & St. Louis	113.61
1	St. Louis & San Francisco R. R. Co.	116.70
2	Louisville & Nashville R. R. Co.	227.16
1	Chicago Great Western R. R. Co.	120.80
1	Iowa Central R. R. Co.	119.40
1	Missouri Pacific Ry. Co.	115.90
37	Total	4,972.07

NEW REGULATIONS.

B. A. I. Order 209, "Regulations for the inspection and quarantine of horses, cattle, sheep, swine, and other animals imported into the United States," superseding B. A. I. Order 180, has been issued, effectively July 1, 1914.

B. A. I. Order 210, "Regulations governing the interstate movement of live stock," superseding B. A. I. Order 143 and amendments, has been issued, effective July 1, 1914.

Copies of both of these orders have been mailed to inspectors in charge. If additional copies are needed they may be obtained upon application to the bureau.

B. A. I. Order 212, "To prevent the spread of scabies in sheep," and B. A. I. Order 213, "To prevent the spread of scabies in cattle," superseding respectively Orders 208 and 197 and amendments, have been signed by the Secretary of Agriculture, effective July 1, 1914. Orders 212 and 213 make no material change in the regulations previously in force, but they are made necessary by the discontinuance of Order 143, to which Orders 208 and 197 made reference. Copies of the new orders have been or will soon be mailed to inspectors in charge.

Attention is also called to Amendment 1 to B. A. I. Order 139, issued May 26, 1914, which amends regulation 4 of Order 139 so as to provide for the tuberculin testing of dairy and breeding cattle for export.

LIME-AND-SULPHUR DIPS AUTHORIZED FOR OFFICIAL DIPPING OF CATTLE AND SHEEP FOR SCABIES.

The attention of inspectors and other bureau employees is directed to paragraphs 1 and 2, section 9, regulation 3, and paragraphs 1 and 2, section 5, regulation 4, of B. A. I. Order 210, "Regulations governing the interstate movement of live stock," superseding B. A. I. Order 143 as amended, effective July 1, 1914, which provide that at present only lime-and-sulphur dips used in accordance with the regulations will be permitted in the official dipping of cattle and sheep for scabies. The manufacturers of the following-named proprietary lime-and-sulphur dips have been advised that bureau permission for the use of their products will be extended for the present, or until such time as it is found that they are not being prepared in accordance with the statements on which such permission was based. With the list of dips is shown the proper dilution for the dipping of cattle or sheep, as the case may be.

Name of dip.	Gallons of water to 1 gallon of dip.	
	Cattle.	Sheep.
The Adams Lime and Sulphur Dip	15	20¼
The Anchor Brand Lime and Sulphur Dip	14½	19½
Grasselli Lime-Sulphur Solution	15	20¼
Latimer's Lime Sulphur Solution	14¾	20
Lilly's Lime and Sulphur Solution	13¾	18½
National Lime and Sulphur Dip	5	7
Niagara Lime and Sulphur Solution	14	19
Rex Lime and Sulphur Solution Extra A1	15	20¼
Richards' Lime and Sulphur Dip	9¾	13¼
Sherwin-Williams Lime-Sulphur Solution	13	17½
Sherwin-Williams No. 15 Cattle Dip	15	20¼

Since the issuance of the foregoing information to inspectors, in the form of circular letter No. 501 of June 22, 1914, permission has been given the manufacturers of "Rex Lime and Sulphur Solution Extra A1" to change the name of this substance to "Rex Lime and Sulphur Solution." However, bureau employees should permit until further notice the use of dip bearing the label "Rex Lime and Sulphur Solution Extra A1" in official dipping, thus giving merchants and dealers throughout the country an opportunity to dispose of stocks of this dip which they now have on hand.

TEXAS-FEVER QUARANTINE.

LIST OF PLACES WHERE SOUTHERN CATTLE MAY BE SHIPPED FOR DIPPING.

Referring to section 8 of regulation 2 of B. A. I. Order 210, "Regulations governing the interstate movement of live stock," effective July 1, 1914, there is given below a list of places outside of the quarantined area where proper dipping facilities are provided to which cattle of the area quarantined on account of splenetic, southern, or Texas fever may be shipped for dipping and subsequent movement for purposes other than immediate slaughter in accordance with the regulations:

Illinois.—National Stock Yards, St. Louis National Stock Yards Co.

Kansas.—Wichita, Wichita Union Stock Yards Co.

Kentucky.—Louisville, Bourdon Stock Yards Co.

Oklahoma.—Oklahoma, Oklahoma National Stock Yards Co.

Tennessee.—Memphis, Memphis Union Stock Yards Co.; *Nashville*, Nashville Union Stock Yards Co.

LIST OF PLACES WHERE SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER.

Referring to section 4 of regulation 2 of the "Regulations governing the interstate movement of live stock" (B. A. I. Order 210), effective July 1, 1914, there is given below a list of additional places to which cattle of the area quarantined on account of splenetic, southern, or Texas fever may be shipped for immediate slaughter:

Maryland.—Baltimore, Union Stock Yards Co.

Ohio.—Canton, Canton Packing Co.; *Cleveland*, Ohio Provision Co.; *Columbus*, Columbus Packing Co.

Wisconsin.—Cudahy, Cudahy Bros. Co.; *Milwaukee*, Plankinton Packing Co.

The firm name of W. B. Herbster & Co., Cleveland, Ohio, has been changed to the Herbster-Newman Co.

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Names Added to List.

Dr. Fred P. Calkins, Ellensburg, Wash.
Dr. F. A. Ingram, Hartford, Conn.

Names Removed from List.

Dr. B. F. Reinhard, St. Cloud, Minn.
Dr. Bernard Johnson, Colville, Wash.

Change of Address.

Dr. S. J. Alcalay, from Elgin, Ill., to Buffalo, Minn.
Dr. P. E. Nulph, Powers Lake, N. Dak., to Crosby, N. Dak.

LICENSES ISSUED FOR MANUFACTURE OF VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture of veterinary biological products during the calendar year 1914 have been issued as follows under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196):

Licenses for the manufacture of veterinary biological products.

License.	Name and address of firm.	Products.
10	Wichita & Oklahoma Serum Co., Stock Yards, Wichita, Kans.	Antihog-cholera serum; hog-cholera virus.
16	Standard Serum Co., Prospect and Dodge Streets, Sioux City, Iowa.	Do.
21	Continental Serum Laboratories, 1228 North First Street, East St. Louis, Ill.	Do.
40	Cedar Rapids Serum Co., Twenty-third and Mallory Streets, Cedar Rapids, Iowa.	Do.
43	American Serum Co., 1336 East Fifteenth Street, Kansas City, Mo.	Antihog-cholera serum.
46	St. Joseph Live Stock Serum Co., Stock Yards, South St. Joseph, Mo.	Antihog-cholera serum; hog-cholera virus.
51	The Union Serum Co., Chambers and Chicago Streets, Sioux City, Iowa.	Do.
56	Southwestern Serum Co., Twenty-first Street and Lawrence Avenue, Wichita, Kans.	Do.
57	Mason S. Peters United Serum Co., St. Joseph, Mo.	Do.
59	Miller Hog Serum Co., Adams and Osage Streets, Kansas City, Kans.	Do.
75	The Pioneer Serum Co., Central and Water Streets, Kansas City, Kans.	Do.
79	The Iowa Serum Co., Stock Yards, Sioux City, Iowa.	Do.
86	The Germania Serum Co., Central and Water Streets, Kansas City, Kans.	Do.
87	The Chicago Serum Co., 3854 South Morgan Street, Chicago, Ill.	Do.

ORDERING SUPPLIES.

Some inspectors in charge and other employees located outside of Washington have overlooked the instructions in Service Announcements for October, 1913, page 94, relative to the ordering of supplies. These instructions must be complied with fully, and monthly requisitions should reach the Washington office not later than the 5th of the month. Those received after that date will be classed as emergency requisitions, and unless a satisfactory explanation of the necessity for ordering at a time other than the first of the month is made on the requisition it will be returned, unapproved and unfilled, for proper explanation ON THE REQUISITION (not by letter).

When ordering nonexpendable property at any time the necessity for the same must be explained on the requisition, and if the station is already furnished with a similar article the explanation should indicate whether it is to be in addition to the similar article already on hand or to take the place of same; in the latter case the statement should indicate the condition and the proposed disposal of the article to be discontinued.

Attention is again directed to notice in Service and Regulatory Announcements for May, 1914, page 77, relative to revised Form P–1.

USE OF PERSONAL CONVEYANCES.

According to a recent ruling of the Comptroller of the Treasury, an employee of the Government can not receive compensation for the personal use of his own conveyance in connection with the discharge of official duties unless provision therefor is made in his commission or appointment. Bureau employees who may desire to use their own conveyances for official purposes must obtain permission from the Washington office in advance. Failure to follow this plan will result in the disallowance of all claims for such service.

PUBLICATIONS IN JUNE.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Farmers' Bulletin 588. Economical Cattle Feeding in the Corn Belt. By J. S. Cotton, agriculturist, Bureau of Plant Industry, and W. F. Ward, animal husbandman in beef cattle investigations, Bureau of Animal Industry. Pp. 19, figs. 6.

Yearbook Separate 627. The Production of Beef in the South. By W. F. Ward, senior animal husbandman in beef cattle investigations, Animal Husbandry Division, Bureau of Animal Industry. Pp. 259–282, pls. 4.

Bacteria Concerned in the Production of the Characteristic Flavor in Cheese of the Cheddar type. By Alice C. Evans, E. C. Hastings, and E. B. Hart. Pp. 167–192, Journal of Agricultural Research, June, 1914.

Relation of the Action of Certain Bacteria to the Ripening of Cheese of the Cheddar type. By E. B. Hart, E. G. Hastings, E. M. Flint, and Alice C. Evans. Pp. 193–216, Journal of Agricultural Research, June, 1914.

The Journal of Agricultural Research is not furnished by the department to employees, but reprints of articles in separate form will be sent on request.

Amendment 1 to B. A. I. Order 139. Regulations Governing the Inspection, Humane Handling, and Safe Transport of Animals Carried by Ocean Steamers from the United States to Foreign Countries.

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B. A. I. Order 209. Regulations for the Inspection and Quarantine of Horses, Cattle, Sheep, Swine, and Other Animals Imported into the United States. Pp. 23. (Supersedes B. A. I. Order 180.)

B. A. I. Order 210. Regulations Governing the Interstate Movement of Live Stock. Pp. 36. (Supersedes B. A. I. Order 143 and amendments.)

Outline of Bureau of Animal Industry Files. Pp. 69. (For the use of bureau employees in filing correspondence.)

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

[July 1, 1914.]

Chief: A. D. Melvin.
Assistant Chief: John R. Mohler.
Chief Clerk: Charles C. Carroll.
Animal Husbandry Division: George M. Rommel, chief.
Biochemic Division: M. Dorset, chief.
Dairy Division: B. H. Rawl, chief.
Field Inspection Division: R. A. Ramsay, chief.
Meat Inspection Division: R. P. Steddom, chief.
Miscellaneous Division: A. M. Farrington, chief.
Pathological Division: A. R. Ward, acting chief.
Quarantine Division: Richard W. Hickman, chief.
Zoological Division: B. H. Ransom, chief.
Experiment Station: E. C. Schroeder, superintendent.
Editor: James M. Pickens.
Office of Accounts: E. J. Newmyer, in charge.
Appointment Section: Irving W. Pew, in charge.

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